

Illinois Department of Transportation  
Bureau of Materials and Physical Research  
**APPROVED LIST OF BRIDGE SEAT SEALERS**  
**July 28, 2006**

**This list supersedes the March 31, 2006 list.**

Standard Specifications for Road and Bridge Construction, Section 1026 (Adopted January 1, 2002)

Note: When specified, the sealers on this list shall be used on I-Beams, Bulb T Beams, Fascia Deck Beams, and Bridge Deck.

An epoxy product shall not be applied to Bridge Decks.

<u>PRODUCT/SOURCE</u>	<u>* SURFACE CONDITION AT APPLICATION</u>	<u>* MAXIMUM APPLICATION RATE, m<sup>2</sup> / L (ft<sup>2</sup> / gal.)</u>	<u>APPLICATION TEMPERATURE RANGE (°F)</u>	<u>CONCRETE** CURE PERIOD</u>
Advanced Chemical Technologies Broadway Business Park 1 100 W. Wilshire Blvd., Suite C-1 Oklahoma City, OK 73116 Phone: 800-535-0433 Attn: Mitchell D. Smith, P.E. Vice President/Engineer Producer/Supplier No. 5215-01 Material Code No. No. 42725 <b>SIL-ACT MULTIGARD</b> (P) (1)	dry, clean, and no membrane curing compound	One Application: 2.45 (100)	40-100	4 days minimum
ChemMasters 300 Edwards Madison, OH 44057-3112 Phone: 440-428-2105 Attn: Paul A. Smith Vice President, Research & Development Product/Supplier No. 5410-01 Material Code No. 42725 <a href="http://www.chemmasters.net">www.chemmasters.net</a> <b>Safe-Cure &amp; Seal EPX</b> (P) (3)	dry, clean, and no membrane curing compound	One Application: 5.0 (200)	50-90	28 days minimum

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Chemprobe Technologies, Inc. 8520 Brookfield Avenue Brookfield, IL 60513-1708 Phone: 800-760-6776 Attn: Craig Taylor Producer/Supplier No. 5804-01 Material Code No. 42725 <a href="http://www.tnemec.com">www.tnemec.com</a>	dry, clean, and no membrane curing compound			
<b>Dur A Pell 100 (P) (1)</b>	"	Two Applications: 4.90 (200)	45-90	28 days minimum
<b>Deck A Pell 15 (P) (1/2)</b>	"	Two Applications: 4.90 (200)	45-95	28 days minimum
<b>Dur A Pell 20 (P) (1/2)</b>	"	Two Applications: 6.10 (250)	45-90	28 days minimum
ChemTec, Int'l. 7771 Woodstone Dr, Suite 100 Cincinnati, OH 45244 Phone: 513-474-2090 Attn: James W. Sist Producer/Supplier No. 5833-01 Material Code No. 42725 <a href="http://www.concretesealer.net">www.concretesealer.net</a>	dry, clean, and no membrane curing compound			
<b>ChemTec One (P) (4)</b>	"	Two Applications: 2.45 (100)	38-110	15 days minimum

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<a href="#">BASF</a> Building Systems 16317 South Chester Street Olathe, KS 66062 Phone: 913-558-1223 Fax: 913-254-1828 Attn: Darin Cielocha – Southern IL  1574 Fairway Court NE Solon, IA 52333 Phone: 952-250-1210 Fax: 319-624-5094 Attn: Tom Karlson – Central IL  8131 Highland Ave. Downers Grove, IL 60516 Phone: 630-234-7516 Fax: 630-910-9803 Attn: Mike McCluskey – Northern IL   Producer/Supplier No. <a href="#">4179-05</a> Material Code No. 42725   <a href="http://www.basf.com">www.basf.com</a>				
<b>Hydrozo 100 (P) (1)</b>	Dry, clean, and no membrane curing compound	One Application: 9.82 (400)	40 and rising	28 days
<b>Enviroseal 20 (P) (1)</b>	“ “	One Application: 4.3 (175)	40 and rising	28 days
<b>Enviroseal 40 (P) (1)</b>	“ “	One Application: 4.8 (200)	40-110	28 days

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Specco Industries 13087 Main St. Lemont, IL 60439 Phone: 630-257-5560 Attn: Jeffrey Bencsik V.P. Operations Producer/Supplier No. 3936-01 Material Code No. 42725 <a href="http://www.specco.com">www.specco.com</a> <b>C-40LV POLYSULFIDE BASED EPOXY SEALER</b> <b>(P) (3)</b>	dry, clean, and no membrane curing compound	One Application: 2.45 (100)	50-85	28 days
Tamms 3835 State Route 72 Kirkland, IL 60146 Phone: 800-218-2667 Attn: Paul Smerz Producer/Supplier No. 2775-02 Material Code No. 42725 <a href="http://www.tamms.com">www.tamms.com</a> <b>WB 244 (P) (1/2)</b>	dry, clean, and no membrane curing compound	One Application: 3.68 (150)	40 and rising	21 days minimum

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TK Products 11400 West 47 <sup>th</sup> Street Minnetonka, MN 55343 Phone: 888-755-2971 Attn: Donald Kopdilansky Producer/Supplier No. 4173-01 Material Code No. 42725 www.tkproduct.com	dry, clean, and no membrane curing compound	One Application: 3.68 (150)	40-100	28 days
<b>TRI-SILOXANE TK-290 (P) (2)</b>	“ “	One Application: 3.68 (150)	40 and above	28 days
<b>TRI-SILOXANE TK-290 W.B. (P) (2)</b>		One Application: 3.68 (150)	40 and above	28 days
Universal Form Clamp Company 840 South 25 <sup>th</sup> Avenue Bellwood, IL 60104 Phone: 800-728-1958 or 800-646-3816 Attn: Wilbert Heckman Producer/Supplier No. 4518-01 Material Code No. 42725 www.universalformclamp.com	dry, clean, and no membrane curing compound	One Application: 5.0 (200)	Surface = 45 & rising Ambient = min. 50	28 days minimum
<b>Silane Sealer WB (P) (1/2)</b>				

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Weatherall Company, Inc. 106 Industrial Way Charleston, IN 47111 Phone: 812-542-4810 or 800-367-7068 Attn: Tom Pollard Producer/Supplier No. 6064-01 Material Code No. 42725				
<b>1048-1 Clear Masonry Sealer</b> (P) (1/2)	dry, clean, and no membrane curing compound	One Application: 2.45 (100)	40-100	28 days minimum
<b>1049-1 Water Repellent #2</b> (P) (1/2)	“ “	One Application: 2.45 (100)	40-120	28 days minimum

\*Required for compliance with the Standard Specifications for Road and Bridge Construction, Section 1026 (Adopted 01/01/2002)

\*\*Prior to sealer application

\*\*\*Apply to non-traffic surfaces only.

**FOOTNOTES:**

(P) = PENETRATING (F) = FILM FORMING (1) = Silane (2) = Siloxane \*\*\* (3) = Epoxy (4) = Silica